



CITY OF DURHAM

# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

INCORPORATING THAT OF THE

CHIEF PUBLIC HEALTH INSPECTOR

FOR THE YEAR

1967

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1967

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\*Councillor Mrs. M. A. THORNHILL, M.A. (Deputy Mayor).

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Councillor J. R. NICHOLSON.

\*Councillor R. H. STITT, A.I.C.D.

\* Members of the Health Committee.

## PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

HEALTH DEPARTMENT,

80, CLAYPATH,

*Telephone* : Durham 3520.

DURHAM.

## MEDICAL OFFICER OF HEALTH :

R. GORDON DRUMMOND, M.B., Ch.B., D.P.H. (Also Medical Officer of Health Durham Rural District, Brandon and Byshottles Urban District, Assistant County Medical Officer County Durham).

## CHIEF PUBLIC HEALTH INSPECTOR :

LESLIE OATES, M.A.P.H.I., Cert.R.S.H.

## DEPUTY CHIEF PUBLIC HEALTH INSPECTOR :

JOHN BITTLESTONE, M.A.P.H.I., Cert.R.S.H.

## ADDITIONAL PUBLIC HEALTH INSPECTOR:

ALAN MORGAN, CERT. P.H.I., EDUC. BD., CERT. R.S.H.

## CLERICAL STAFF :

MRS. J. WILBY, Clerk

MISS S. R. SMITH, Shorthand Typist

## RODENT OPERATIVE :

MR. A. FOX

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present my Annual Report for 1967, being a record of matters relating to the health of the citizens and including the report of the Chief Public Health Inspector.

The vital statistics are satisfactory. The population increased again, the birth-rate rose a little but so also did the death rate. The infant mortality rate is again a very low figure and the mean rate over the past decade is about the same as that for England and Wales in the same period (and lower than that for the County of Durham as a whole.)

There was again little incidence of notifiable infectious disease and no occurrence of serious epidemic disease. Notification of new cases of tuberculosis continued low.

Indeed the figures all indicate a satisfactory record.

It is a pleasure to be able to refer again to the large amount of voluntary work carried out in the City for that large section of the community—the elderly people. Some is recorded here, much is not, and in total it has a considerable effect upon their comfort, health and general well-being.

I am most grateful to the Chief Public Health Inspector, Mr. L. Oates, and the members of the Health Department for its continued efficient and harmonious operation. I thank you, Mr. Chairman, Ladies and Gentlemen for your continued support and encouragement and the Officers of the Council for their co-operation.

I have the honour to be,

Mr. Chairman, Ladies and Gentlemen,

Your Obedient Servant,

R. GORDON DRUMMOND.



## SUMMARY OF STATISTICS.

## LIVE BIRTHS.

Number...	...	...	...	...	...	...	344
Rate per 1,000 population			...	...	...	...	17.2

ILLEGITIMATE LIVE BIRTHS per cent of total live births 7.3

## STILL BIRTHS.

Number...	...	...	...	...	...	...	4
Rate per 1,000 total live and still births					...	...	11.5

TOTAL LIVE AND STILL BIRTHS ...	...	...	...	348
---------------------------------	-----	-----	-----	-----

INFANT DEATHS (deaths under 1 year) ...	...	...	3
---	-----	-----	---

## INFANT MORTALITY RATES.

Total infant deaths per 1,000 total live births	...	8.7
---	-----	-----

Legitimate infant deaths per 1,000 legitimate live  
births... .. 9.4

Illegitimate infant deaths per 1,000 illegitimate live births	...	...	...	...	...	...	Nil
---	-----	-----	-----	-----	-----	-----	-----

NEO-NATAL MORTALITY RATE (deaths under 4 weeks per 1,000 total live births) ... ..	5.8
---	-----

EARLY NEO-NATAL MORTALITY RATE (deaths under 1 week per 1,000 total live births)	...	...	...	2.9
--	-----	-----	-----	-----

PERINATAL MORTALITY RATE (stillbirths and deaths under 1 week combined per 1,000 total live and still births)	...	...	...	...	...	...	...	14.4
---	-----	-----	-----	-----	-----	-----	-----	------

MATERNAL MORTALITY (including abortion)

Number of deaths	...	...	...	...	...	Nil
------------------	-----	-----	-----	-----	-----	-----

Rate per 1,000 total live and still births	...	...	Nil
--	-----	-----	-----

Area in acres                   ...     4,578.

Registrar-General's estimate of resident population :—24,410.

Number of inhabited houses end of 1967—6,863.

Rateable value :—1966 :—£992,365. 1967 :—£1,032,144

Sum represented by a 1d. rate, 1966 :—£4,117. 14s. 8d.  
1967 :—£4,164. 15s. 4d.

## NATURAL AND SOCIAL CONDITIONS.

*Area.*

4,578 Acres. The City borders on the North, East and South with Durham Rural District and on the West with Brandon and Byshottles Urban District.

*Population.*

The Registrar General's estimate of the mid-year population is 24,410 an increase of 200 from 1966.

*Inhabited Houses.*

The number of inhabited houses is 6,863.

## VITAL STATISTICS.

Registrar General's area comparability factors :—

Births	1.22.
Deaths	1.06.

*Births.*

During the year 344 live births were registered. 186 males and 158 females. Of these 25 were illegitimate.

There were 20 more births than in 1966.

The birth rate (adjusted) of 17.2 is above that for last year.

*Deaths.*

Death rate per 1,000 population (adjusted)	...	12.5
Deaths from Cancer (all ages)	... ..	48
Deaths from Measles (all ages)	... ..	—
Deaths from Whooping Cough (all ages)	... ..	—

289 deaths were registered, 8 more than in 1966 and the death rate (adjusted) of 12.5 is above that for 1966 when it was 11.6.

The table of causes of death shows that Diseases of the Heart and Circulation accounted for 112 of the deaths registered, or 38%. Deaths from Cancer number 48 compared with 55 in 1966.

74% of all deaths occurred in persons over the age of 65.



*Infant Mortality* : (Deaths of children under 1 year of age).

The rate is 8.7 per 1,000 live births. Last year this rate was 6.2.

The figure for England and Wales for 1967 is 18.3.

Three children died before reaching one year of age.

The actual numbers for the past 10 years are :—

1958 ...	...	5	1963 ...	...	6
1959 ...	...	9	1964 ...	...	8
1960 ...	...	11	1965 ...	...	4
1961 ...	...	5	1966 ...	...	2
1962 ...	...	8	1967 ...	...	3

and these numbers should be read in conjunction with the rates given in the table and should be borne in mind in assessing the change in the rate over the years. As the numbers of infant deaths each year are comparatively small, too great significance should not be attached to a single rate.

Of the three children who died before reaching one year of age two were less than one month old.

Consideration of the infant mortality is not complete without consideration at the same time of the still births. The number of still births and the number of deaths in the first week of life taken together represent the mortality occurring at or about the time of birth—the perinatal mortality rate, the combined still-births and deaths in the first week of life per 1,000 total births.

In the year under review this was 14.4.

The following table shows the perinatal mortality rate in recent years compared with the rates for Durham County and England and Wales :—

	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
Durham City	31.0	47.5	37.9	23.9	26.2	23.1	29.4	31.1	15.2	14.4
Durham County ...	37.8	39.1	40.1	35.7	35.7	32.4	33.5	30.7	28.6	26.6
England and Wales ...	35.1	34.2	32.9	32.2	30.8	29.3	28.2	26.9	26.3	25.4

*Maternal Mortality.*

There were no maternal deaths during the year.

## DEATHS AT VARIOUS AGE PERIODS.

	All ages.	0—1	1—	5—	15—	25—	35—	45—	55—	65—	75 and Over.
M	128	2	—	1	—	1	6	6	30	37	45
F	161	1	1	—	1	—	1	8	17	43	89
	289	3	1	1	1	1	7	14	47	80	134

## INFANT MORTALITY.

Cause of Death.	Under 1wk.	1—2 wks.	2—3 wks.	3—4 wks.	Total under 1 mth.	1—3 mths.	3—6 mths.	6—9 mths.	9—12 mths.	Total
Congenital Malformations	1	—	—	—	1	—	—	—	1	2
Prematurity ...	—	1	—	—	1	—	—	—	—	1

VITAL STATISTICS FOR THE DISTRICT FOR 1967 AND PREVIOUS YEARS. COMPARATIVE TABLE  
WITH ENGLAND AND WALES AND WITH DURHAM COUNTY FOR PAST TEN YEARS.

Year.	Birth Rate per 1,000 population.			Death Rate per 1,000 population.			Infant Mortality Rate per 1,000 Live Births.		
	Durham City.	England & Wales.	Durham County	Durham City.	England & Wales.	Durham County	Durham City.	England & Wales.	Durham County
1957	13.4	16.1	17.8	11.4	11.5	13.7	27.7	23.8	27.1
1958	14.5	16.4	17.9	11.2	11.7	13.7	15.9	23.1	25.3
1959	13.0	16.5	17.3	11.7	11.6	13.3	31.4	22.6	26.9
1960	13.8	17.1	17.8	11.6	11.5	14.0	35.5	22.2	27.7
1961	13.0	17.4	17.4	10.7	12.0	13.8	17.3	21.9	23.4
1962	13.3	18.0	17.4	13.4	11.9	14.3	26.5	21.6	26.1
1963	13.8	18.2	17.8	11.5	12.2	14.0	20.1	21.6	22.4
1964	13.8	18.4	18.3	10.2	11.3	10.9	24.4	21.1	22.9
1965	16.3	18.1	18.1	12.7	11.5	11.4	12.7	20.0	20.6
1966	16.1	17.7	17.3	11.6	11.7	11.7	6.2	19.0	21.0
Mean for 10 years 1957-66	14.1	17.3	17.7	11.6	11.6	13.0	21.7	21.2	24.3
1967	17.2	17.2	17.0	12.5	11.2	10.9	8.7	18.3	20.7

## CAUSES OF DEATH IN DURHAM BOROUGH, 1967.

Cause of Death.	Total	M.	F.
ALL CAUSES .. .. .	289	128	161
Tuberculosis, respiratory .. .. .	—	—	—
Tuberculosis, other .. .. .	—	—	—
Syphilitic disease .. .. .	—	—	—
Diphtheria .. .. .	—	—	—
Whooping cough .. .. .	—	—	—
Meningococcal infections .. .. .	—	—	—
Acute poliomyelitis .. .. .	—	—	—
Measles .. .. .	—	—	—
Other infective and parasitic diseases .. .. .	—	—	—
Malignant neoplasm, stomach .. .. .	10	3	7
Malignant neoplasm, lung, bronchus .. .. .	14	13	1
Malignant neoplasm, breast .. .. .	1	—	1
Malignant neoplasm, uterus .. .. .	1	—	1
Other malignant and lymphatic neoplasms .. .. .	22	12	10
Leukaemia, aleukaemia .. .. .	3	2	1
Diabetes .. .. .	3	—	3
Vascular lesions of nervous system .. .. .	45	13	32
Coronary disease, angina .. .. .	67	33	34
Hypertension with heart disease .. .. .	—	—	—
Other heart disease .. .. .	31	10	21
Other circulatory disease .. .. .	14	6	8
Influenza .. .. .	—	—	—
Pneumonia .. .. .	16	5	11
Bronchitis .. .. .	12	8	4
Other diseases of respiratory system .. .. .	3	1	2
Ulcer of stomach and duodenum .. .. .	4	3	1
Gastritis, enteritis and diarrhoea .. .. .	1	—	1
Nephritis and nephrosis .. .. .	—	—	—
Hyperplasia of prostate .. .. .	1	1	—
Pregnancy, childbirth, abortion .. .. .	—	—	—
Congenital malformations .. .. .	3	3	—
Other defined and ill-defined diseases .. .. .	28	13	15
Motor vehicle accidents .. .. .	1	—	1
All other accidents .. .. .	8	2	6
Suicide .. .. .	1	—	1
Homicide and operations of war .. .. .	—	—	—



## NOTIFIABLE DISEASES.

*Prevalence of, and control over, Infectious and other Diseases.*

*Scarlet Fever* : There was one notification of scarlet fever.

*Whooping Cough* : There were 19 cases notified.

*Acute Poliomyelitis* : There were no cases notified. (As in the previous year.)

*Vaccinations against Poliomyelitis* : The tables show the numbers protected in the City (by year of birth).

## POLIOMYELITIS ' ORAL '

## COMPLETED PRIMARY COURSES.

Year of Birth.					Others under Age 16	Total.
1967	1966	1965	1964	1960-63		
33	196	41	7	9	7	293

## REINFORCING DOSES.

Year of Birth					Others under Age 16	Total.
1967	1966	1965	1964	1960-63		
—	3	15	12	155	10	195

## POLIOMYELITIS ' SALK '

## COMPLETED PRIMARY COURSES.

Year of Birth.					Others under Age 16	Total
1967	1966	1965	1964	1960-63		
—	—	—	—	—	—	—

## REINFORCING DOSES

Year of Birth.					Others under Age 16	Total
1967	1966	1965	1964	1960-63		
—	—	—	—	—	—	—

*Measles*: 194 cases were notified in comparison with 213 last year.

There were no deaths.

*Diphtheria*: For the fifteenth successive year there were no cases of diphtheria.

The County Medical Officer of Health arranges that propaganda leaflets drawing attention to the need for children to be protected against smallpox, whooping cough and diphtheria are sent to parents by post when their children attain the age of three months. Further propaganda regarding immunisation against diphtheria is despatched when children are one year old and again at four years and nine months. All such propaganda gives details of the facilities available for vaccination and immunisation.

*Dysentery*: There were two cases notified, both admitted to hospital from addresses elsewhere.

*Meningococcal Infection*: Three cases were notified from hospital following admission from elsewhere.

*Food Poisoning*: There was one case notified. The infection was contracted during a holiday overseas.

*Tuberculosis*: There were nine cases of pulmonary tuberculosis notified (seven in 1966) All were adults, the ages ranging from 34 years to 58 years.

There was one case notified of non-pulmonary tuberculosis—in a child aged six years.

There were no deaths from the disease.

*B.C.G. Vaccination of older school children*: 1967 was the tenth year in which B.C.G. Vaccination against tuberculosis of certain groups of school children attending schools in the City was carried out, although, of course, this type of protection has been offered for some years to home contacts of the disease and to certain other groups.

The Heaf Multiple Puncture skin test was used.

The following table shows the numbers involved :—

No. Consented	Given Skin Test.		Positive Reactors.		Negative Reactors Given B.C.G.		Absent at Time of Reading.	
	No.	%	No.	%	No.	%	No.	%
579	551	95.16	50	9.1	484	87.84	12	2.18



## NOTIFIABLE DISEASES REPORTED DURING THE YEAR

DISEASE.	Total Cases Notified.	Cases admitted to Hospital.	Deaths.
Scarlet Fever .....	1	—	—
Whooping Cough .....	19	—	—
Acute Poliomyelitis	—	—	—
Paralytic .....			
Non-Paralytic .....			
Measles .....	194	—	—
Diphtheria .....	—	—	—
Pneumonia .....	—	—	16
Dysentery .....	1	1	—
Smallpox .....	—	—	—
Acute Encephalitis	—	—	—
Infective .....			
Post-Infectious .....			
Typhoid Fever .....	—	—	—
Paratyphoid Fever .....	—	—	—
Erysipelas .....	1	—	—
Meningococcal infection	3	3	—
Food Poisoning .....	1	1	—
Puerperal Pyrexia .....	—	—	—
Ophthalmia Neonatorum	—	—	—
Malaria .....	—	—	—

## TUBERCULOSIS.

AGE PERIODS.	NEW CASES.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0 — 1 .....	—	—	—	—	—	—	—	—
1 — 5 .....	—	—	—	—	—	—	—	—
5 — 10 .....	—	—	—	1	—	—	—	—
10 — 15 .....	—	—	—	—	—	—	—	—
15 — 20 .....	—	—	—	—	—	—	—	—
20 — 25 .....	—	—	—	—	—	—	—	—
25 — 35 .....	—	1	—	—	—	—	—	—
35 — 45 .....	2	2	—	—	—	—	—	—
45 — 55 .....	2	—	—	—	—	—	—	—
55 — 65 .....	1	1	—	—	—	—	—	—
65 and Upwards ....	—	—	—	—	—	—	—	—
TOTALS .....	5	4	—	1	—	—	—	—

## NEW CASES AND DEATHS IN PAST 10 YEARS

					Pulmonary.		Non-Pulmonary.	
					New cases.	Deaths.	New cases.	Deaths.
1957	...	...	...	...	20	4	4	1
1958	...	...	...	...	8	1	3	—
1959	...	...	...	...	14	—	—	—
1960	...	...	...	...	8	2	—	1
1961	...	...	...	...	11	1	—	—
1962	...	...	...	...	6	1	3	—
1963	...	...	...	...	3	—	—	—
1964	...	...	...	...	3	—	2	—
1965	...	...	...	...	7	—	1	—
1966	...	...	...	...	7	—	—	—
Average for 10 years					8	—	1	—
1967	...	...	...	...	9	—	1	—

## CASES OF TUBERCULOSIS ON REGISTER

	Pulmonary.		Non-Pulmonary.		Total.	
	M.	F.	M.	F.	M.	F.
31st December, 1966 .....	69	60	13	10	82	70
31st December, 1967 .....	67	50	10	6	77	56

# IMMUNISATION AND VACCINATION 1967. (numbers by year of birth)

COMPLETED PRIMARY COURSES. REINFORCING DOSES.

	Year of Birth				Total	Others under Age 16	Year of Birth				Total	Others under Age 16	Total
	1967	1966	1965	1964			1967	1966	1965	1964			
DIPHTHERIA													
100		161	19	5	25	36	1	47	121	32	262	41	504

## WHOOPING COUGH

98	160	18	4	10	1	291	1	42	129	28	62	4	257
----	-----	----	---	----	---	-----	---	----	-----	----	----	---	-----

## TETANUS

100	161	19	5	28	47	360	1	47	122	33	263	76	542
-----	-----	----	---	----	----	-----	---	----	-----	----	-----	----	-----

## SMALLPOX.

Primary Vaccinations. Re-Vaccinations.

	1	2-4	5-15	Total	1	2-4	5-15	Total
	Under 1							
12	177	29	13	231	—	—	13	13

## CHIROPODY SERVICE FOR OLD PEOPLE.

*Report for the year ending December, 1967.*

### GILESGATE CENTRE.

#### *Introduction.*

1967 was the fourteenth year of operation of this Chiropody Clinic conducted at the Vane Tempest Hall, Gilesgate, on behalf of the Durham Old People's Welfare Association.

Sessions were held on Monday, Tuesday and Wednesday afternoons, eight appointments being made for each session.

Mr. E. L. Chambers, M.Ch.S. continued as chiropodist.

#### *Voluntary Assistance.*

The British Red Cross Society provided a total of 441 hours attendance.

#### *Treatment.*

During the year clinics were held on 147 days during which there were 147 clinic sessions of three hours.

At the full number of 8 person per session this would have allowed 1,176 treatments, but there were 116 missed appointments so that the actual number given was 1,060, or 90% of the possible.

The average number of treatments given each session was 7.2.

The number of persons on the list on the 1st January, 1967 was 165 and on the 31st December, 175, there having been 30 new patients and 20 withdrawals during the year.

### SHAKESPEARE HALL CENTRE.

#### *Introduction.*

This was the eleventh year of operation of this Chiropody Clinic which is held at the Shakespeare Hall in North Road, Durham.

Like the one at Gilesgate it is conducted on behalf of the Durham Old People's Welfare Association and Mr. E. L. Chambers, M.Ch.S., is the Chiropodist.

Sessions were held on Monday, Tuesday and Wednesday mornings each week.

*Voluntary Assistance.*

The British Red Cross Society provided a total of 441 hours attendance.

*Treatment.*

Clinics were held on 147 days, there being 147 clinic sessions of three hours. 1,176 treatments would have been possible, but there were 95 missed appointments so that the number given was 1,081 or 92% of the possible.

The average number of treatments given each session was 7.4.

There were 179 patients on the books on the 1st January, 1967 and 172 on the 31st December, 20 new names having been added and 27 withdrawn.

SUMMARY				<i>Gilesgate.</i>		<i>Shakespeare Hall.</i>	
				<i>1966</i>	<i>1967</i>	<i>1966</i>	<i>1967</i>
Sessions	...	...	...	141	147	140	147
Days on which sessions held	...	...	...	141	147	140	147
Treatments given :							
Possible	...	...	...	1,128	1,176	1,120	1,176
Actual	...	...	...	1,014	1,060	988	1,081
				(89%)	(90%)	(88%)	(92%)
Treatments per session :							
Possible	...	...	...	8	8	8	8
Actual Average	...	...	...	7.6	7.2	7.0	7.4
Hours by Red Cross Voluntary							
Workers	...	...	...	432	441	420	441

## REMARKS.

The figures upon which this report is based are extracted from the Clinic Records which are kept by the British Red Cross Society and they indicate another successful year for the scheme.

That this is so is a great credit to the many persons who are associated with it.

The operation of the scheme in its present form is made possible by the financial aid given to the Durham Old People's Welfare Association from various sources, and foremost among them Durham County Council. Details are contained in the Financial Statement which has been furnished by the Honorary Treasurer, Mr. L. Watkins.



CITY OF DURHAM OLD PEOPLE'S WELFARE  
COMMITTEE

ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 1968

CHIROPODY SERVICE

				EXPENDITURE,								
				<i>Vane Tempest</i>			<i>Shakespeare</i>					
				<i>Hall.</i>			<i>Hall.</i>			<i>Total.</i>		
				£	s.	d.	£	s.	d.	£	s.	d.
Chiropodist—Fees	...			378	10	6	378	10	6	757	1	0
Dressings etc.	...	...		6	18	9	7	8	4	14	7	1
Rent	...	...	...	62	9	6	98	14	6	161	4	0
Insurance	...	...			13	0		13	0	1	6	0
Cheque Book	...	...			5	0		5	0		10	0
				<hr/>			<hr/>			<hr/>		
				£448	16	9	£485	11	4	£934	8	1
				<hr/>			<hr/>			<hr/>		

There is no income, so that the total expenditure of £934. 8s. 1d will be claimed from Durham County Council.

## DOMICILIARY LAUNDRY SERVICE FOR OLD PEOPLE.

This service which was commenced during 1957, has the aim of helping elderly sick people in the area. It is provided by the British Red Cross Society, the Hospital Authority and the Local Health Authority acting in conjunction.

Mrs. Grime of the British Red Cross Society who continues to undertake the administration and control of this service, advises me that 13 households (in the area of the three districts) were being served at the beginning of 1967 and there were 18 households at the end of the year.

The service continues to be a most useful one and as with so many services for the elderly, many of the old people who benefit from it, welcome not only the service but the fact of the regular visit for laundry collection. This is some relief to their loneliness.

## LUNCHEON CLUB

The Luncheon Club which was commenced in 1965 in the Girl Guides Hut near Hallgarth House continued its operations, the number attending being about 30 on each occasion.

Lunch is served on Tuesdays and Thursdays each week at a charge of 1/6 per meal. The scheme is operated by the Women's Royal Voluntary Service for the Durham City Old People's Welfare Committee. The deficiency in the running cost of the service is shared between the City and County Council.

EXPENDITURE.				INCOME.			
			£ s. d.				£ s. d.
Food	...	...	301 1 8	Sale of Meals	...	205 19 0	
Gas, Electricity and				Deficiency	...	193 16 3	
Water	...	...	49 8 10				
Cleaning	...	...	31 15 4				
Repairs and maintenance			4 0 10				
Insurance	...	...	1 18 10				
Crockery, Cutlery etc.			11 9 9				
			<u>£399 15 3</u>			<u>£399 15 3</u>	

The deficiency of £193. 16s. 3d. will be shared equally between the County Council and the City Council.

## GENERAL PROVISION OF HEALTH SERVICES.

1. *Public Health Services of the Local Authority.*
2. *Laboratory Services.*
  - (i) Dryburn Hospital, Department of Pathology.
  - (ii) Public Health Laboratory, General Hospital, Westgate Road, Newcastle.
  - (iii) County Analyst, County Hall, Durham.
3. *General Medical Services.*

Durham County Executive Council, Green Lane, Old Elvet, Durham.

Eleven medical practitioners in general practice reside in the City and an approximately equal number who reside elsewhere have part of their practices within it.
4. *Newcastle Regional Hospital Board.*

Benfield Road, Walkergate, Newcastle, 6.

*Durham Hospital Management Committee, Dryburn Hospital Durham.*

  - (a) *General.*
    - (i) Dryburn Hospital, Durham.
    - (ii) County Hospital, Durham.
    - (iii) St. Margaret's Hospital, Durham (Long Stay).
  - (b) *Maternity.*
    - (i) Dryburn Hospital.
  - (c) *Infectious.*
    - (i) Chester-le-Street Isolation Hospital.
    - (ii) Langley Park Isolation Hospital (Emergency Fever Reserve).
  - (d) *Tuberculosis.*
    - (i) Chest Clinic, Dryburn Hospital, Durham.
    - (ii) Mass Miniature Radiography Unit, Dryburn Hospital, Durham.

*(e) Mental.*

- (i) Winterton Hospital, Sedgefield.
- (ii) Aycliffe Hospital.
- (iii) Prudhoe and Monkton Hospital.
- (iv) Earl's House Hospital.

*(f) Pre-Convalescent.*

Brandon Hospital.

*(g) Venereal Diseases Clinic.*

General Hospital, Newcastle upon Tyne.

5. *Local Health Authority Health Services, Durham County Council**(a) School Health Services.*

The school clinic is situated at Kepier Crescent.

*(b) Ambulance Services.*

The ambulance control is situated at County Ambulance Headquarters, Framwellgate Moor, Durham, and there are twelve ambulances.

In an emergency any responsible person may summon an ambulance by telephone by asking to be connected to the nearest ambulance control (no telephone number need be given).

<i>Stretcher</i> <i>cases.</i>	<i>Sitting</i> <i>cases.</i>	<i>Total.</i>	<i>Mileage.</i>
5,854	35,790	41,644	227,947

(These figures include work done in the Brandon Urban District and Durham Rural District).

*(c) Health Visiting.*

There are two Health Visitors serving the City.

<i>Visits made by health visitors.</i>					<i>No. of visits.</i>
<i>(a)</i>	maternity and child welfare	...	...	...	3,824
<i>(b)</i>	tuberculosis	...	...	...	78
<i>(c)</i>	general health	...	...	...	142
<i>(d)</i>	mentally subnormal	...	...	...	104
<i>(e)</i>	school	...	...	...	185
<i>(f)</i>	aged people	...	...	...	342

## (d) Home Nursing.

Three nurses, all residing in the City, are engaged in this work.

<i>Visits made by District Nurses.</i>				<i>Cases</i>	<i>Visits.</i>
(a)	medical cases	...	...	181	4,374
(b)	surgical cases	...	...	38	993
(c)	tuberculosis cases	...	...	1	30
(d)	maternal complications	...	...	—	—

## (e) Domiciliary Midwifery.

There are four midwives practising thus.

*Births attended by County Midwives.*

Total births (live and still)	...	...	...	85
Cases attended as midwife and nurse	...	...	...	85
Hospital patients discharged home before 10th day	...	...	...	189
Total cases attended	...	...	...	274

## (f) Domestic Help.

This is provided for households where such help is required owing to the presence of any person who is ill, an expectant mother, lying-in, mentally subnormal, aged or a child not over school age.

No. of home helps employed during year	...	...	...	83
Cases attended 1st January, 1967	...	...	...	134
New cases during year	...	...	...	83
Cases terminated during year	...	...	...	49
Cases attended on 31st December, 1967	...	...	...	168

*Types of cases served during year.*

(a)	Maternity (including expectant mothers)	...	...	13
(b)	Tuberculosis	...	...	—
(c)	Chronic sick (including aged and infirm)	...	...	199
(d)	Others	...	...	5

## (g) Vaccination and Immunisation.

## (h) Care of Mothers and Young Children.

(i) Child Welfare Centres	{ Newton Hall, Framwellgate Moor. Kepier Crescent, Durham
---------------------------	---



## (i) Prevention of Illness, care and after care.

Under this heading comes the provision of nursing equipment for sick persons. Invalid chairs are also available.

162 patients in the Durham Municipal Borough were supplied with nursing equipment during the year, 1967.

## (j) Welfare Services.

Services are provided for Blind Persons and other Handicapped Persons.

	<i>Total.</i>
No. of blind persons on register ... ..	<b>84</b>
No. of partially sighted persons on register ... ..	9
No. of deaf and dumb persons on register ... ..	9
No. of hard of hearing persons on register ... ..	10
No. of handicapped persons on register ... ..	49

Residential accommodation is provided for persons who by reason of age, infirmity or other circumstances, are in need of care and attention which is not otherwise available to them.

*Hostels.*

Persons maintained in residential hostels	(a) 16 males.
	(b) 18 females.
Persons on waiting list ... ..	(a) 5 males.
	(b) 16 females.

## (k) Mental Health.

No. of persons registered as mentally subnormal	65
No. of persons under supervision in their own homes ... ..	<b>48</b>
No. of persons in hospitals for the mentally subnormal ... ..	17

## NATIONAL ASSISTANCE ACTS, 1948 AND 1951.

No statutory action was taken during the year involving Section 47 relating to removal of persons in need of urgent care and attention.



Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting for your information my annual report and the record of work carried out by the Public Health Inspector's Department for the year ending 31st December, 1967.

The report is on similar lines to that of my previous annual reports and gives details under the respective headings of the work carried out by your inspectors in accordance with the various duties for which the Department is responsible.

The demolition of fifteen houses in the Gilesgate No. 13 Clearance Area completes the slum clearance programme as submitted to the Ministry of Housing and Local Government some years ago. In fact the number of houses then submitted has been considerably exceeded by action in the cases of many unfit properties by way of individual demolition orders or informal action resulting in demolition.

Completely unfit properties, of which there were a large number at the end of the War, no longer present a problem in the City and the Department's efforts in housing matters are now largely directed towards ensuring that the present stock of dwelling houses are maintained in a good state of repair and that those houses sub-standard by reason of lack of hot water, bathrooms, etc. are provided with such amenities.

The provision of modern amenities in otherwise sound houses is a matter of concern to this Department and in this connection it is envisaged that a small area of suitable houses will be included in a pilot scheme whereby all such houses in that particular area will be provided with the amenities available under grant aid and at the same time consideration given to improving the environment of the area concerned.

The routine work of the Department has proceeded satisfactorily during the year under review and in particular the implementation of the provisions of the Offices, Shops etc. Act, involving over 500 registered premises, has proceeded without any undue difficulties, this being due, in no small measure and as mentioned in my report dealing with the administration of this Act, to the highly satisfactory co-operation existing between business people, owners of property and officers of this Department.

I should like to take this opportunity of expressing thanks to the Chairman and Members of the Health Committee and the Medical Officer of Health, Dr. R. G. Drummond for their kindly support during the past year and also to acknowledge the assistance and co-operation of my Deputy Mr. Bittlestone, the staff of the Health Department and other Officials of the Council.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

LESLIE OATES,

Chief Public Health Inspector

## HOUSING STATISTICS.

*General Inspection of District.*

1. Number of dwelling houses inspected for housing defects (under Public Health and Housing Acts) ... ..	471
2. Dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation...	8
3. Dwelling houses (exclusive of two above) found not to be in all respects fit for human habitation ... ..	72
4. Total number of visits to houses including re-inspections	1,047

HOUSES IN CLEARANCE AREAS AND INDIVIDUAL  
UNFIT HOUSES.

A. Houses Demolished.	Number.	Displaced.	
		Persons.	Families.
In Clearance Areas (Housing Act 1957, S.42)	15	3	2
Not in Clearance Areas and as a result of formal or informal procedure (Housing Act 1957. S. 16 or 17(1)) .. ..	12	16	7
B. Unfit Houses Closed.			
Under Provisions of Housing Act 1957 S. 16(4), 17(1), and 35(1). ... ..	5	1	1
Parts of buildings closed (Housing Act 1957 S.18)	2	3	2
C. Repairs to Houses.			Number.
Unfit houses made fit and houses in which defects were remedied :—			
(a) After informal action under Public Health and Housing Acts .. .. .			54
(b) After formal action under P.H. Acts .. ..			1
(c) By Local Authority in default of owners .. ..			4

## INSPECTION OF THE DISTRICT.

2,466 inspections were made relating to the various acts and regulations for which the Department is responsible.

It was found necessary to serve 152 informal notices requiring remedying of defects or in respect to other requirements of the acts and regulations concerned and the majority of such notices received the prompt attention of the respective owners or occupiers.

In five cases statutory notices were served on the owners.

This action resulted in the owners carrying out the necessary works in one case, and the Corporation doing the work in default and recovering costs in four cases.

650 visits were made with the object of seeing that notices were complied with.

## HOUSING AND SLUM CLEARANCE.

During the year under review 243 houses were erected in the City Area comprising 107 council houses 28 houses for the the North Eastern Housing Association and 108 privately built houses.

At 31st December, 1967, the number of council houses (including flats) erected since the war totalled 1,538.

The total number of houses built for and controlled by the Council was, at the date mentioned, 2,149. In addition to these properties the Council have the letting, when vacant, of any of the 483 houses owned by the North Eastern Housing Association.

### *Derelict Buildings Sub-Committee :*

This Committee, comprising Members of the Health and Housing Committees, was formed in March, 1960, to co-ordinate the activities of both Committees in expediting re-housing of tenants from unfit houses and to deal with the problems of all derelict properties in the City area.

The Committee met once during the year under review and considered three reports submitted by this Department, namely:—

1. Properties subject to formal or informal action under the provisions of the Housing Act, 1957. (40 such properties were included in the report and of these 12 were subsequently demolished).
2. Vacant, derelict or unsightly buildings not subject to action under the Housing Act. (48 buildings were referred to and on the instructions of the Committee further efforts were made to have such properties demolished where this was practicable or to expedite works of repair or other appropriate action. A total of 9 such properties were subsequently demolished.)



3. Vacant properties purchased in connection with proposed redevelopments or road works. (27 such properties were mentioned in the report. Some of these properties were adjacent to occupied premises and demolition in such cases was not practicable and the only action taken, therefore, was to ensure removal of gas and electrical equipment as a safety measure and securing against trespass. In certain cases more positive action became possible at a later date resulting in the demolition of 13 such properties.)

*Pre-War Slum Clearance:* Only one property remained to be dealt with, namely, 79 Claypath. This property has been vacant for some years and when demolished it is expected that the site will be developed for commercial purposes.

*Post-War Slum Clearance:* At 31st December, 1967, the position in relation to post-war clearance of unfit dwellings included in clearance areas was as follows:—

*Gilesgate No. 13 Clearance Area (Compulsory Purchase Order):* Re-housing of tenants from this area was completed early in 1967 and all of the houses included in the area were then demolished and the site satisfactorily cleared.

*Demolition Orders:* At 31st December there were eleven such properties all vacant and awaiting demolition.

The following table summarises the position as at 31st December 1967 :

				<i>Occupied houses.</i>	<i>Vacant pending demolition.</i>
Pre-war slum clearance	...	...	...	—	1
Post-war slum clearance	...	...	...	nil	nil
Individually unfit houses (Demolition Orders) formal and informal	...	...	...	nil	11

A total of 12 properties awaiting demolition as against 27 for the year ending 31st December, 1966. 398 unfit houses have been demolished in the post-war period.

## HOUSES IN MULTIPLE OCCUPATION.

There has, in recent years, been a tendency for some of the larger type dwelling houses which become vacant from time to time to be purchased by persons who then relet the houses as bed sitter accommodation with communal use of kitchen, bathroom and toilets.

Whilst there is a great need for this type of accommodation, and particularly so in a University town and commercial centre such as Durham City, it is a fact that in some of the larger towns this method of lettings, often in houses situated in previously good residential areas, has resulted in overcrowding and general lowering of housing standards.

An inspection of a number of these multi-occupied houses by officers of this Department has shown that, generally, such houses are well maintained, have reasonably good facilities and appear to meet the requirements of the single people concerned. One matter which did cause the Department some concern, however, was that of possible fire hazards and an apparent lack of means of escape in the case of any such emergency.

Section 16 of the Housing Act, 1961, deals with the provision of means of escape from fire in such houses and authorises service of notices specifying those works which the local authority consider necessary and requiring execution of such works. In this connection the local authority are required, before service of any such notice, to consult with the Fire Authority.

An approach was, therefore, made to the Chief Fire Officer and he agreed to have any properties which this Department considered presented fire hazards relative to means of escape inspected and to submit reports thereon.

One such property was reported to the Chief Fire Officer in 1967 and a further list of properties is to be submitted early in 1968.

The procedure adopted by this Department is to forward a copy of the Chief Fire Officer's report to the owner of the house concerned together with a letter explaining why compliance with the contents of the report is important and also giving details of the statutory requirements.

## HOUSING (FINANCIAL PROVISIONS) ACT, 1958.

Certificates as to families displaced from clearance areas and individual unfit houses have been submitted to the City Treasurer as follows :—

YEAR	Individual Unfit Houses.			Clearance Orders.			Totals.		
	No.	Per-sons.	Fami-lies.	No.	Per-sons.	Fami-lies.	No.	Per-sons.	Fami-lies.
1955	—	—	—	3	11	3	3	11	3
1956	11	34	11	7	19	7	18	53	18
1957	10	30	10	5	16	7	15	46	17
1958	4	13	4	6	11	6	10	24	10
1959	15	41	15	3	7	3	18	48	18
1960	8	18	8	23	64	23	31	82	31
1961	15	45	15	3	3	3	18	48	18
1962	28	58	28	11	20	11	39	78	39
1963	29	75	30	7	21	7	36	96	37
1964	5	11	5	1	1	1	6	12	6
1965	3	9	3	—	—	—	3	9	3
1966	15	40	15	8	21	8	23	61	23
1967	10	17	10	2	3	2	12	20	12
							232	588	235

## IMPROVEMENT GRANTS : HOUSING ACT, 1949/59.

	No. of separate houses	
	Discretionary Grant.	Standard Grant.
(a) Applications submitted to Local Authority	27	22
(b) Applications rejected by Local Authority	—	—
(c) Total Number of applications approved since inception of scheme .. ..	170	105
(d) Total Number of grants paid since inception of scheme .. .. .	131	74

A total of 49 applications approved in the year 1967 as compared with 18 in 1966.

In my report for the year 1966 I made reference to the fact that applications for improvement grants had been disappointing but that I anticipated an increase in 1967 arising from the survey carried out by officers of this Department and subsequent visits to those houses which were known to be lacking in the amenities available under grant aid.



The increase as shown in the table is reasonably satisfactory but much more effort is required to bring the remaining sub-standard houses in the City, numbering approximately 300, up to the standards now expected in dwelling houses.

### RENT ACT, 1957.

There were no applications for Certificates of Disrepair under the provisions of the above mentioned Act and it was only necessary to deal with general enquiries from tenants and owners.

### ADMINISTRATION OF THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

A total of 523 premises are registered under the provisions of the above mentioned Act. Practically all such premises have received a first general inspection since the Act came into force in August, 1964, and re-inspections now total 1,160.

402 informal notices (49 in 1967) have been sent to owners of premises requesting compliance with the various provisions of the Act. No formal action other than the service of informal notices has been necessary and I can, once again, express satisfaction with the high degree of co-operation shown by the business people and owners of property in the City who invariably comply so readily with the Department's requirements and who are always concerned to ensure that their premises achieve those standards required by the various acts and regulations the enforcement of which is the responsibility of this Department.

Accidents reportable under the provisions of the Act now total 80 (25 in 1967). None of these proved to be fatal and the great majority of reported accidents are of a minor character. Only twelve cases (5 in 1967) have required investigation.

The following tables give statistical information relating to administration of the Act:—

TABLE 1. Annual Report to Minister of Labour.

TABLE 2. Analysis of contraventions.

TABLE 3. Analysis of reported accidents.

TABLE 1

THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963  
REPORT FOR PERIOD 1ST JANUARY TO 31ST DECEMBER, 1967.

	Class of Premises.	Number of Premises Registered during the Year.	Total Number of Registered Premises at End of Year.	Number of Registered Premises Receiving a General Inspection During the Year.
Registrations and General Inspections.	Offices ... ..	6	226	39
	Retail shops ... ..	5	216	35
	Wholesale shops, warehouses ... ..	—	29	—
	Catering establishments open to the public, canteens ... ..	1	50	2
	Fuel storage depots ... ..	—	2	—
	TOTALS ... ..	12	523	76
	Class of Workplace.	Number of Persons Employed.		
Analysis of Persons Employed in Registered Premises by Workplace	Offices ... ..	1,274	Informal Notices ... ..	49
	Retail shops ... ..	1,185		
	Wholesale departments, warehouses ... ..	120		
	Catering establishments open to the public ... ..	470		
	Canteens ... ..	13		
	Fuel storage depots ... ..	38	Prosecutions ... ..	Nil
	TOTAL ... ..	3,100		
	TOTAL MALES ... ..	1,193		

Number of visits of all kinds (including general inspections) to Registered Premises—244.

TABLE 2

ANALYSIS OF CONTRAVENTIONS

Section	Number of Contraventions found				Section	Number of Contraventions found			
4	Cleanliness Redecoration	2 } 8 }	...	...	10	14	Seats (Sedentary Workers) ...	...	...
5	Overcrowding	...	...	...	—	15	Eating facilities ...	...	...
6	Temperature	...	...	...	10	16	Floors, passages and stairs ...	...	1
7	Ventilation ...	...	...	...	—	17	Fencing exposed parts machinery ...	...	—
8	Lighting ...	...	...	...	3	18	Protection of young persons from dangerous machinery ...	...	...
9	Sanitary conveniences	...	...	...	3	19	Training of young persons working at dangerous machinery ...	...	—
10	Washing facilities ...	...	...	...	4	23	Prohibition of heavy work ...	...	—
11	Supply of drinking water	...	...	...	—	24	First Aid general provisions ...	...	9
12	Clothing accommodation	...	...	...	—	50	Other matters ...	...	9
13	Sitting facilities ...	...	...	...	—		TOTAL ...	...	49

TABLE 3

## ANALYSIS OF REPORTED ACCIDENTS

	Offices.	Retail Shops	Wholesale Warehouses.	Catering establishments open to public, canteens.	Fuel Storage Depots
Machinery ... ..	—	—	—	—	—
Transport ... ..	—	—	—	—	—
Falls of persons ... ..	2	4	1	2	—
Stepping on or striking against object or person ... ..	—	2	—	—	—
Handling goods ... ..	—	5	1	1	—
Struck by falling object ... ..	—	—	—	1	—
Fires and explosions ... ..	—	—	—	—	—
Electricity ... ..	—	—	—	—	—
Use of hand tools ... ..	1	1	—	1	—
Not otherwise specified ... ..	1	1	—	2	—

## ADMINISTRATION OF THE FACTORIES ACT, 1961.

Premises. (1)	Number on Register	Number of		
		Inspections	Written notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities ..	15	3	1	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ..	71	28	6	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	12	9	—	—
TOTAL .. ..	98	40	7	—

## 2. CASES IN WHICH DEFECTS WERE FOUND.

Particulars  (1)	Number of cases in which defects were found.				No. of cases in which prosecutions were instituted.
	Found	Remedied.	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness (S.1) ..	3	3	—	—	—
Overcrowding (S.2) .. ..	—	—	—	—	—
Unreasonable temperature (S.3) .. ..	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6) .. ..	1	1	—	—	—
Sanitary Conveniences (S.7)					
(a) insufficient .. ..	—	—	—	—	—
(b) Unsuitable or defective	3	3	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork) .. ..	—	—	—	—	—
TOTAL .. ..	7	7	—	—	—

S. 133 & 134. No lists of "outworkers" were received during the year.



### CLEAN AIR ACT, 1956.

Routine observations and recordings of density of smoke from boiler plant chimneys were carried out during the year. Twenty-nine such recordings were made relating to emissions from five steam raising plants.

Management and stokers were interviewed when emissions of smoke appeared to warrant such action but in general observations showed no infringements of the standards required by the Act except in the case of one plant where a smoke nuisance had arisen during the course of the year and in the case of this particular plant conversion from coal to oil burning was subsequently carried out.

Complaints occasionally arise from burning of refuse in or near the City centre and prompt action is always taken by the Department to prevent a recurrence of such nuisances. In one case the burning of cars to recover scrap metal was the cause of complaint but an approach by the Department to the owner of the business concerned resulted in the termination of this practice.

### INSPECTION AND SUPERVISION OF FOOD.

#### FOOD PREMISES IN DURHAM CITY.

	<i>Trade.</i>						<i>Number.</i>
Bakers	...	...	...	...	...	...	6
Butchers	...	...	...	...	...	...	13
Confectioners	...	...	...	...	...	...	35
Dairies and Purveyors of Milk	...	...	...	...	...	...	39
Fish, Game and Poultry	...	...	...	...	...	...	5
Fried Fish...	...	...	...	...	...	...	9
General Dealers	...	...	...	...	...	...	27
Greengrocers and Fruiterers	...	...	...	...	...	...	10
Grocers and Provision Merchants	...	...	...	...	...	...	29
Hotels, Cafes and Snack Bars	...	...	...	...	...	...	24
Ice Cream dealers	...	...	...	...	...	...	74

#### MILK SUPPLY.

Whilst the County Council is responsible for registration of premises for the sale of milk, officers of this Department inspect such premises as a part of the routine inspection of all food premises in the City.

This Department does not, however, take milk samples as this would be a duplication of the work carried out by the County Health Inspector whose Department obtained 69 such samples during 1967. Of these samples 2 failed to pass one or more of the necessary tests and in these particular cases subsequent samples proved to be satisfactory.

# REGISTRATION UNDER SECTION 16 FOOD AND DRUGS ACT, 1955. ICE CREAM.

Two applications for registration under the provision of Section 16 of the Food and Drugs Act, 1955, for the sale of pre-packed ice cream were approved by the Council making a total of 74 premises registered for this purpose.

## FOOD AND DRUGS ACT, FOOD HYGIENE REGULATIONS.

544 visits were made to food premises during the year 1967.

All drawings relating to proposed new food premises submitted for the Council's approval are referred to this Department for comment. This procedure ensures, so far as is practicable, that any such new food premises will comply with the statutory requirements.

Food traders continue to co-operate fully with the Department's officers and no undue difficulties have been experienced in securing compliance with the provisions of the Food Hygiene Regulations.

## THE FOOD HYGIENE (MARKETS, STALLS AND DELIVERY VEHICLES) REGULATIONS, 1966.

These Regulations came into operation on 1st January, 1967, and apply to markets, delivery vehicles, mobile shops, stalls and trading in the open air generally.

Efforts have been made to ensure that owners of mobile shops operating in the City area are aware of the new Regulations and where necessary that their vehicles are brought up to the required standard.

The Secretary of the Markets Company and owners of food stalls in the Durham Covered Market were also contacted and requested to carry out certain works in compliance with the requirements of the Regulations. Such works received prompt attention.

The following works were completed in premises affected by the Regulations :—

Equipment—repairs and renewals	...	...	...	...	4
Protection of open foodstuffs	...	...	...	...	5
Sanitary conveniences :					
Re-decoration	...	...	...	...	3
Additional provided	...	...	...	...	1
Provision of hot water supply	...	...	...	...	10
Provision of handbasins	...	...	...	...	12
Provision of sinks	...	...	...	...	3
Provision of first aid equipment	...	...	...	...	8
Provision of accommodation for clothing			...	...	—
Re-decoration and repairs	...	...	...	...	13
Improved ventilation	...	...	...	...	3
Waste bins supplied	...	...	...	...	3
Refrigerators fitted	...	...	...	...	1
Miscellaneous work and improvements			...	...	9

## FOOD INSPECTION.

The following list shows the quantities of food that were found upon inspection to be unfit for human consumption. All food condemned was voluntarily surrendered and destroyed at the Council's incinerator:—

## MEAT.

99 tins.

8 lbs. ox liver.

9 lbs. 14 ozs. ham.

428 lbs. meat.

15 lbs. shoulder bacon.

## FRUIT.

19 tins.

## MISCELLANEOUS.

3 tins rice.

100 lbs. cheese.

## FISH.

15 tins.

7 lbs. cod fillets.

1 st. herring.

## VEGETABLES.

42 tins.

The total weight of the above mentioned condemned foodstuffs was 10 cwt. 4 sts. 1 lb.

Eight cases involving the sale of alleged unsound or contaminated foods were reported to the Department. In each case a full investigation was carried out and in one case specimens of the food concerned were submitted to the Public Analyst. All complainants were fully informed as to the action taken and all were satisfied with the results of the investigations.

It is obviously in the public interest that cases of the sale of suspected unfit food should be notified either to the management of the business concerned or to this Department. Such action makes it possible, where some fault exists either at the place of manufacture or retail sale, to prevent a recurrence of the particular cause of complaint.

Of the eight complaints investigated in 1967, there was insufficient or unreliable evidence involved in two cases, in one case where the specimens were subject to analysis and microscopical examination the adulteration was found to be harmless and in two cases the food was found to be quite sound. The remaining three cases were not of a serious nature though in one of these cases it was thought necessary to issue a warning as to the precautions necessary in that particular business.

## MEAT INSPECTION.

All animals slaughtered in the local slaughter-house were inspected.

507 visits were made in connection with such inspections and the following table gives details of animals slaughtered and meat and offals condemned:—



CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE  
OR IN PART.

	Cattle Exclud- ing Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.	Horses.
Number killed ..	757	57	2	2688	1027	—
Number inspected	757	57	2	2688	1027	—
<i>All diseases except Tuberculosis and Cysticerci</i>						
Whole carcasses con- demned .. ..	—	1	1	2	—	—
Carcases of which some part or organ was con- demned .. ..	108	10	—	24	14	—
Percentage of the number inspected affected with dis- ease other than tuberculosis and cysticerci ..	14.26	19.3	50.0	.97	1.36	—
<i>Tuberculosis only :</i>						
Whole carcasses con- demned .. ..	—	—	—	—	—	—
Carcases of which some part or organ was con- demned .. ..	—	—	—	—	2	—
Percentage of the number inspected affected with tub- erculosis ..	—	—	—	—	.19	—
<i>Cysticercosis.</i>						
Carcases of which some part or organ was con- demned .. ..	—	—	—	—	—	—
Carcases submitted to treatment by refrigeration ..	—	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—

A total of 1 ton 7 cwts. 31 lbs. of condemned meat and offal was destroyed at the Council's incinerator.

Carcases inspected and passed were, generally, of excellent quality. Five persons hold slaughtermen's licences and slaughtering was carried out in a satisfactory manner.

#### SLAUGHTERHOUSE FACILITIES:

All slaughtering in the City is carried out at one licensed slaughterhouse. The Department maintains a 100% meat inspection service and all carcasses passed as fit for human consumption are stamped with the approved local authority stamp.

#### WATER SUPPLIES.

All of the houses (6,863 houses—population 24,410) within the City area are supplied from water mains direct to the houses.

One sample of water from the Durham County Water Board's supply was obtained for bacteriological examination and the report on this sample was satisfactory.

The Durham County Water Board supplies are not subject to plumbo-solvent action. There is virtually no fluoride content.

#### SWIMMING BATHS.

Four samples of water from the large and small swimming pools were obtained for bacteriological examination. All the samples proved to be, in every respect, satisfactory.

The baths, consisting of a large and small pool, are the property of the Durham City Corporation and the water is the same as that supplied by the Durham County Water Board to domestic users.

The Baths Manager reports that the filtration plant maintained a three hour turnover and that breakpoint chlorination was also maintained satisfactorily.

#### INFECTIOUS DISEASES INVESTIGATION

Two visits were made in relation to investigations into cases of infectious disease.



## RODENT CONTROL.

*Sewer Maintenance Treatment*: In accordance with the requirements of the Ministry of Agriculture, Fisheries and Food a test-baiting of 217 manholes was carried out followed by two maintenance treatments of those sections of sewer where such treatments were desirable. A total of 137 manholes were baited and final results showed poison takes in 28 manholes compared with 146 manholes baited and 42 poison takes in 1966.

*Surface Infestations*: All Council properties likely to become infested (including the sewage works and Sherburn refuse disposal tip) received periodical visits and treatments as required. The river banks also were given attention.

The following table is a summary of the rodent control work carried out during the year :—

	Dwelling Houses.	Business Premises.	Other Infested Places.	Totals
No. of Premises ...	127	44	85	256
No. of Visits ...	457	134	426	1,017
No. of Poison-baits	923	868	1,430	3,221
No. of Post-baits ...	97	36	61	194

Wherever necessary owners of premises were requested to carry out rat-proofing after completion of treatments.

## DRAINAGE.

The following particulars relate to drainage work carried out by the Department during the year :—

New drainage systems laid	...	...	...	...	1
Drainage systems reconstructed	...	...	...	...	14
Defective drains repaired	...	...	...	...	4
Choked drains cleared	...	...	...	...	48
Inspection chambers built	...	...	...	...	20
Ventilation provided to drains	...	...	...	...	6
New gullies fixed	...	...	...	...	23
Other drainage defects remedied	...	...	...	...	3
Smoke tests	...	...	...	...	10
Water tests	...	...	...	...	57
Colour tests	...	...	...	...	31

## SUMMARY OF WORK OF CHIEF PUBLIC HEALTH INSPECTOR'S DEPARTMENT.

Complaints received and investigated	...	...	...	491
Houses inspected (Public Health and Housing Acts)	...			471
Houses re-inspected	...	...	...	576
Preliminary Notices served	...	...	...	152
Formal Notices served	...	...	...	13
Visits in connection with :—				
Factories Act	...	...	...	80
Food shops, food premises and slaughterhouses	...			1,101
Rent Act	...	...	...	1
Improvement Grants	...	...	...	97
Offices, Shops & Railway Premises Act	...	...		244
Defective or new drainage	...	...	...	154
Smoke, water and colour tests	...	...	...	98
Infectious disease	...	...	...	2
Moveable dwellings	...	...	...	10
Rivers and Streams	...	...	...	3
Rodent control	...	...	...	1,017
Disinfection and disinfestation	...	...	...	254
Interviews with owners, contractors, complainants, etc.	...			230
Miscellaneous inspections	...	...	...	303

## REFUSE COLLECTION AND SEWAGE DISPOSAL.

The following information relating to Refuse Collection, Sewerage and Sewage Works has been supplied by the City Engineer whose Department is responsible for these undertakings.

### *Refuse Collection :*

A weekly collection of all household refuse has been maintained throughout the year.

### *Sewage Works, Barkers Haugh:*

The works are producing effluent of good quality well within the requirements of the Northumbrian River Authority.

## WATER SUPPLY.

The district is supplied by the Durham County Water Board. The supply has been satisfactory both in quality and quantity during the year.

Mr. D. G. Drummond, Chief Engineer of the Durham County Water Board, has kindly supplied the following information relating to the water supply. He points out that the year under review is notable as being the first for many years in which the reliable yield of the Board's sources of supply exceeded demand.

The consumption of water in the Board's area again showed an increase. The unmetered consumption amounts to 23.10 gallons per head per day (26.38 in 1966) and the metered consumption 14.76 (14.26 in 1966), a total of 42.86 gallons a day for each of the consumers in the area of supply (40.64 in the previous year).

There were tested 1,668 bacteriological samples, of which 655 were distribution samples, (i.e. samples taken from mains or from service pipes to properties).

CLASSIFICATION OF DISTRIBUTION SAMPLES ACCORDING TO MINISTRY  
OF HEALTH NON-CHLORINATED SUPPLIES.

Class 1	...	...	...	...	91.6%
Class 2	...	...	...	...	4.6%
Class 3	...	...	...	...	0.3%
Class 4	...	...	...	...	3.5%
Percentage free from Escherichia Coli					
(Bact. Coli I)	...	...	...	...	97.6%

There were 1,668 chemical analyses of drinking water.

FOOD AND DRUGS ACT, 1955  
YEAR ENDED 31st DECEMBER, 1967  
DURHAM CITY

The work under this Act is performed by Sampling Officers of the County Council, and during the past year the following samples were submitted by them to the Public Analyst for analysis:—

Beer (Informal)	...	...	...	...	1
Butter (2 Informal)	...	...	...	...	3
Chicken, pre-packed, Fat from (Informal)	...	...	...	...	1
Chocolate, Whole Nut (Informal)	...	...	...	...	1
Chocolate Wafer Biscuit, Portion of (Informal)	...	...	...	...	1
Coffee, Instant	...	...	...	...	2

Corned Beef, opened tin of (Informal)	...	...	...	...	...	1
Curried Chicken Meal, portion of Meat from (Informal)						1
Flavouring Essence	...	...	...	...	...	1
Food Colour	...	...	...	...	...	1
Fried Potato Chips (Frozen) (Informal)	...	...	...	...	...	1
Grapefruit Segments in Syrup (Tinned)	...	...	...	...	...	1
Ground Almonds	...	...	...	...	...	1
Jam (5 Informal)	...	...	...	...	...	7
Lemon Cheese (Informal)	...	...	...	...	...	1
Lemon Curd (3 Informal)	...	...	...	...	...	5
Macaroni Milk Pudding, Opened tin of (Informal)						1
Margarine (Informal)	...	...	...	...	...	2
Marmalade	...	...	...	...	...	1
Milk Churn, foreign object in (Informal)	...	...	...	...	...	1
Milk, Full Cream Evaporated (Tinned) (Informal)						1
Minced Beef in Gravy (Tinned)	...	...	...	...	...	1
Mincemeat (Informal)...	...	...	...	...	...	1
Orange Drink (2 Informal)	...	...	...	...	...	4
Orange Drink opened carton of (Informal)						1
Pears (Informal)	...	...	...	...	...	1
Peas, Garden (Tinned) (1 Informal)	...	...	...	...	...	2
Peas Processed (Tinned)	...	...	...	...	...	1
Pickle, Mustard (Informal)	...	...	...	...	...	1
Pickle, Sweet (Informal)	...	...	...	...	...	1
Potted Meat (Informal)	...	...	...	...	...	2
Sago Milk Pudding (Tinned)	...	...	...	...	...	1
Sausage, cooked, portion of (Informal)	...	...	...	...	...	1
Sausage Beef	...	...	...	...	...	1
Sausage, Pork	...	...	...	...	...	1
Soft drink (Informal)	...	...	...	...	...	2
Steak in Gravy (Tinned)	...	...	...	...	...	1
Stewed Steak with Gravy (Tinned)	...	...	...	...	...	1
Sweets	...	...	...	...	...	3
Table Cream	...	...	...	...	...	2
Table Jelly	...	...	...	...	...	2
Tea	...	...	...	...	...	4
Tomatoes, Peeled (Tinned) (Informal)	...	...	...	...	...	1
Vegetable Oil	...	...	...	...	...	1

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71

## MILK:

Pasteurised	...	...	...	...	...	23
Channel Islands Pasteurised	...	...	...	...	...	6

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29

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100

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Three Orange Drink samples were adversely reported upon by the County Analyst. An opened carton was handed in as a complaint, and this and two closed cartons purchased from the same source were found to be fermenting. The process of fermentation, as well as converting part of the sugar component into alcohol, had produced an objectionable odour and taste, and was due to cartons leaving the manufacturers containing active yeast cells and being unsuitably stored afterwards. Letters of caution were sent to the manufacturers, wholesalers and retailer.

Three of the Lemon Curd samples, although classified "genuine" gave rise to complaint as the curd contained numerous black specks. These were found to be particles of charred sugar and were caused by some local over-heating during manufacture. Remaining stocks of the lemon curd were returned to the suppliers, and an explanation obtained from the manufacturers.

Another complaint sample which was reported against was a portion of a Chocolate Wafer Biscuit which contained a small amount of dark material. This was identified by the County Analyst as charred biscuit and sugar, and the manufacturers were written to accordingly.

The item listed as a foreign object found in a milk churn was in fact an ordinary earthworm. Although a careful investigation into the circumstances was made, it was found impossible to account for the presence of the worm in the milk in a manner which would clearly allocate the blame, as a considerable time had elapsed since the opening of the churn, and quite a number of people had had access to it. The supplying dairy company was informed of the complaint but no other action was taken.

The opened tin of Macaroni Milk Pudding was examined by the County Analyst together with five other similar "follow-up" tins. A wide variation in the quantity of macaroni in individual tins was found. As a result a letter was sent to the manufacturers who agreed that the variation was excessive and undertook to take a close look at their weight control methods.

The remaining samples were returned as "genuine".











